

SIMPLEX 3T5 SPECIFICATIONS

WEIGHTS and MEASUREMENTS

Chassis selection and recommendation from	6 T to 7T5 GVW
Platform standard length	5000 m/m
Platform optional length	6000 m/m
Platform standard width	2300 m/m
Platform optional width	3500 m/m
Basic unit weight	1670 kg
Max. payload evenly distributed	2500 kg
Side rave thickness	8 m/m
Side rave height	85 m/m
Space requirement for winch	300 m/m
Space requirement for front mounted rubber blocks	150 m/m
Platform loading angle	between 11 to 13° angle

HYDRAULIC

Platform extension	double effect cylinder, stroke 3000 m/m
Platform elevation cylinders	2 double effect cylinders, stroke 721 m/m
Piston pump flanged on the PTO	average flow 45 L /min at 250 bar pressure
Hydraulic hoses with pressed on coupling	EN 8572 SC
Return oil hoses	EN 8571 SC
Hyd. polyethylene clear tank, volume	40 L
Return oil filter built into tank, flow	180 L/min
Return oil filter low pressure type	10 microns tank integrated
Counterbalance valves	Built in on all cylinders
Electro hydraulic control valves built in relief	Fully protected in a control box

ELECTRIC

Electric circuit protected	fuses
Electric wires protected against weather effects	Color and number coded
Rear trailer female plug	12 or 24 V
Tail light in accordance with road regulations	
Polyethylene control box with lid on right side	illuminated
Safety switch all hyd functions cut off EEC regulations	control box dash board

PLATFORM SPECIFICATIONS

Rolled cold side raves with oblong holes for hanging	each side
Galvanised anti slip gratings platform topping	Galfan H L E (High tensile)
Platform oval punched holes with lips on each grating	8 per grating
Adjustable wheel chocks on platform	2
Front platform cab protection bar with rubber block	
Rolled cold U shape sliding channel	E 24
Oscillating nylatron pads	nylatron

SUBFRAME and TILTING FRAME SPECIFICATIONS

Tilting frame rectangular hollow tube subframe	E 36
Subframe tubular rectangular tube with lowered rear trunions	E 36
Pads on tube top	nylatron
Large safety side bumpers 400 mm in extruded aluminium	
Complete mudguards or half-mudguards	2
Rear wheels on adjustable rear stifflegs	2
Towing frame and adjustable towing attachment trailer	Dia. 50 m/m

HYDRAULIC WINCH 4T

- Winch with planetary gear reducer 2 stages	
- Line speed bottom layer	15 M/min
- Brake integral, fail safe, automatically applied	
- Drum free spooling	
- Pulling capacity 1 layer :	3 864 kg
- Cable length	20 M
- Cable diameter	9 m/m
- Cable breaking limit	5.4T
- Roller guide	1

PAINTING

Special one coat of primer plus one coat of stone guard anti chip protection plus two coats of automobile quality enamel one color on the platform front bar and side raves.

Subframe and tilting frame fully galvanised.